ELITE SCREENS

In-Ceiling Electric Motorized Front Projection Screen

Evanesce Tab-Tension Series

User's Guide

Important Safety & Warning Precautions

Make sure to read this user's guide and follow the procedure below.

Caution: The screen's Black Top Drop is already set to its maximum drop distance. There is NO extra Black Top Drop in the roller. Please be aware of this as it will void your warranty with Elite Screens. Unapproved changes or modifications (except for cutting the power cord for hardwire installations) to this unit are prohibited and will void your warranty. For more information, please contact our Technical Support Department at (877) 511-1211 Ext. 604.

- Please retain this user's guide for future reference.
- To avoid damaging the unit, do not use with any unauthorized accessories not recommended by the manufacturer.
- Handle the unit carefully during transportation to avoid any damages.
- To ensure safe and reliable operation, direct connection to a properly grounded power source is advised.
- The power outlet supplying power to the unit should be close to the unit and easily accessible.
- Do not install the unit on uneven or inclined surfaces.
- Do not place any heavy objects over the power cord.
- Position the power cord properly to avoid creating a trip obstacle.
- To avoid an electrical shock or fire, due to a loose contact or short circuit, do not overload the power cord.
- The internal & external parts of this unit are not end user serviceable. Do not attempt to disassemble this unit by yourself. No one except authorized technicians can open and make repairs to this unit.
- Make sure the power source that this unit is connected to has a continuous power flow.
- If there is need to use an extension cord, make sure the cord has an equal rating as the appliance to avoid over heat.
- Do not handle the power plug when your hands are wet or your feet are in contact with water.

Do not use this unit under the following circumstances.

- Disconnect the power cord under the conditions of heavy rain, wind thunder or lightning.
- Avoid direct sun light, rain shower and moisture.
- Keep away from fire sources and high temperature to prevent this device from overheating.
- Cut off the power supply first before transportation or maintenance.
- To avoid possible injury and/or an electric shock, do not attempt to use this screen if there is obvious damage or if there are any evident broken parts.

Installation Warning

Due to various installation environments, the instructions provided in this user's guide are for reference only. Please consult a professional installation company for further installation and safety advice. The installer must insure that proper mounting hardware is used to provide adequate strength suitable for the installation. Elite Screens is not liable for any faulty installations. For limit adjustment instructions, please contact our Technical Support Department at (877) 511-1211 Ext. 604

The Screen's **Top Black Drop** is already set to its maximum drop distance. There is **NO** extra top black drop in the roller. Please be aware of this as it will void the limitation of your warranty.

Individual modifications to this product are prohibited and will void the warranty with the manufacturer. Please contact Elite Screens Customer Service for any questions.

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that the interference will not occur on a particular installation. If this equipment causes harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- ✓ **Reorient or relocate the receiving antenna of the device which may be casing the interference.**
- ✓ **Increase the separation between the screen and the device's receiver.**
- ✓ **Connect the equipment into a different power outlet other than the device.**

Pre-Installation

1. Carefully unpack the screen.
2. Always handle the screen in a leveled position on a clean surface.
3. In order to protect the screen from exposure to stains, keep the screen out of contact with foreign particles such as dust, sawdust, and/or liquids.

NOTE

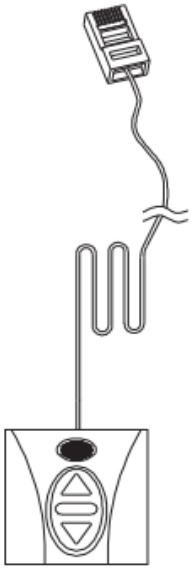
Regardless of the mounting method, the screen should be securely supported so that the vibration or pulling on the viewing surface will not cause the casing to become loose or fall. The installer must insure that the fasteners used are of adequate strength and suitable for the installation location.

Accessories for Evanesce Tab-Tension Series

Please make sure all accessories listed below are included before proceeding.

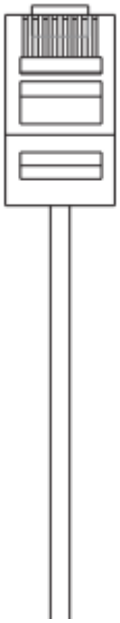
A.
IR Remote

B.
RF Remote

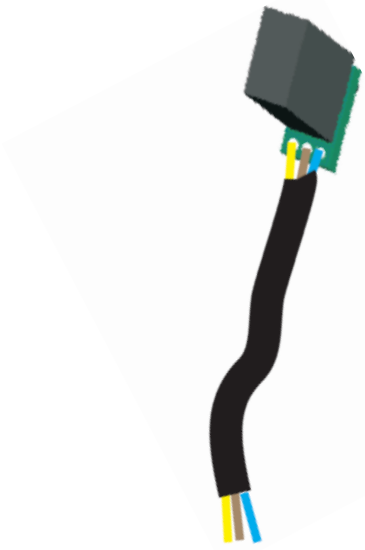


C.
3 Way Wall Switch

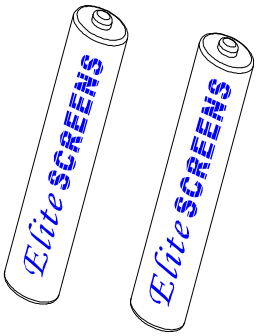
D.
IR Eye Receiver



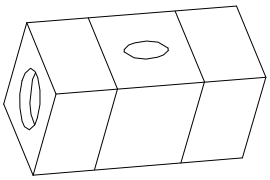
E.
12V Trigger



F.
In-Wall RJ-45 Module



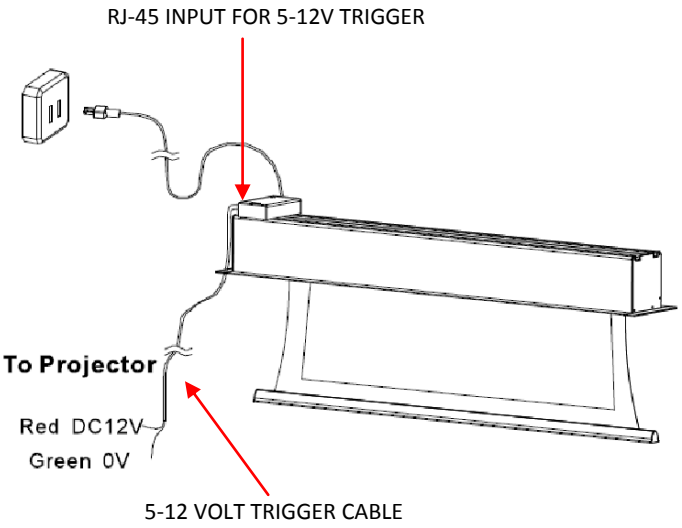
G.
AAA Batteries



H.
Bubble Level

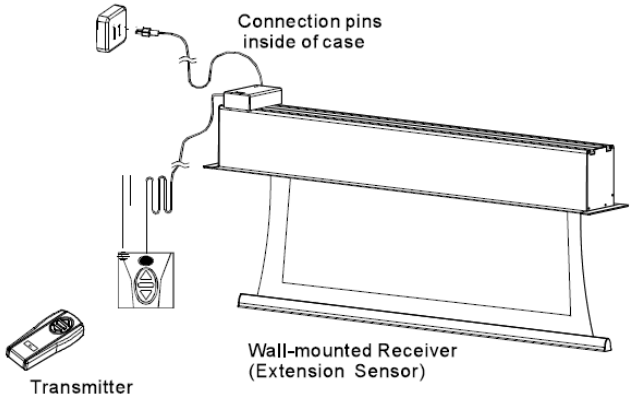
Control System for Evanesce Tab-Tension Series

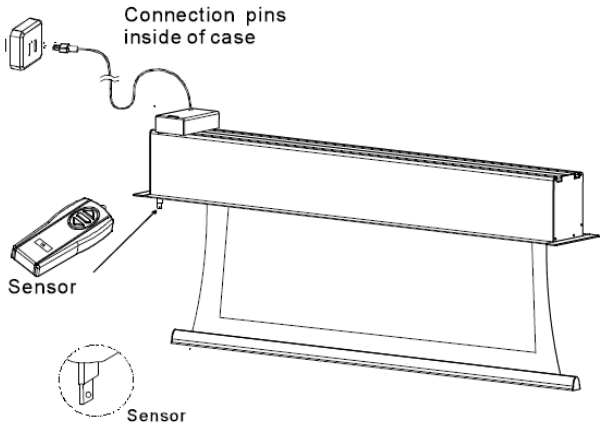
1. 5-12V Trigger: The built-in 5-12V trigger input allows your screen to synchronize its drop & rise with the projector's power cycle. The screen deploys when the projector powers up and will retract when the projector powers down. The 5-12 volt adaptor connects to your projector's trigger output via a separate cable that may or may not be provided by the manufacturer of the projector. The trigger feature will not work without an output cable from the projector, but it can be tested by connecting the Red (+) and Green (-) cable to a 9-volt battery.



2. 3-Way Wall Switch: The 3-way wall switch is a wall mount control box with an up/stop/down button and plugs directly into the screen's RJ-45 input.

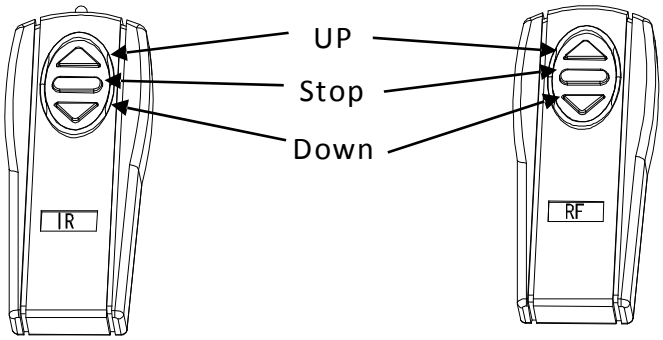
3. IR "Eye" Receiver: plugs directly into the screen's RJ-45 input to present a low profile line-of-sight control option for your IR remote control even in a recessed ceiling installation.



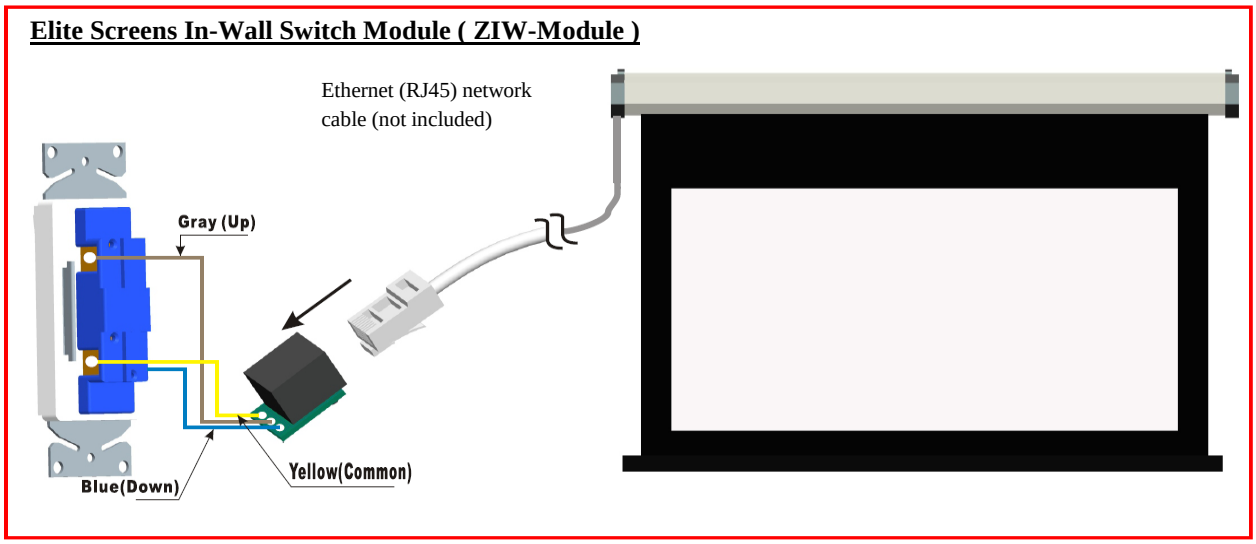


4. IR Remote Control: The Infrared functions by direct line of sight contact with a beam range of 30 feet.

5. RF Remote Control: The radio waves eliminate the need for a direct line of sight with a range of 150 feet.



6. In-Wall RJ-45 Module: The RJ-45 Module connects to a local wall switch for UP/Down control of your screen. Please follow the picture diagram below for instructions on how to connect the accessory.



Local Wall Switch In-Wall UP/DOWN Switch Module (ZIW-Module) Elite Electric Motorized Screen

Steps to attach Elite Screens Motorized Screen to your local wall switch

1. Attach Elite Screens *ZIW-Module* (in-wall switch module) to your local wall switch as shown in diagram above.

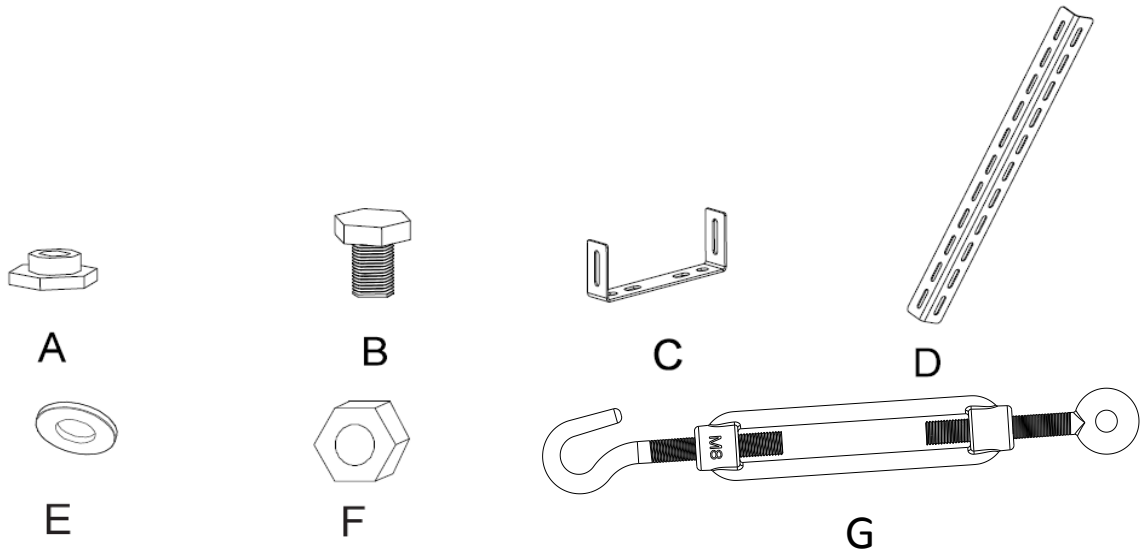
2. Attach an RJ-45 Ethernet cable (not included) to the ZIW-Module and the other end to the RJ-45 input on your Elite electric screen.

3. After testing the connection, place the in-wall switch module in or on the wall and wire the Ethernet cable to complete the set up.

NOTE: Please be aware that Ethernet cables have length limitations so please make test before concealing the cable into the wall.

Hardware Parts List for Evanesce Tab-Tension Series

Please make sure all parts listed below are included before proceeding with the installation.



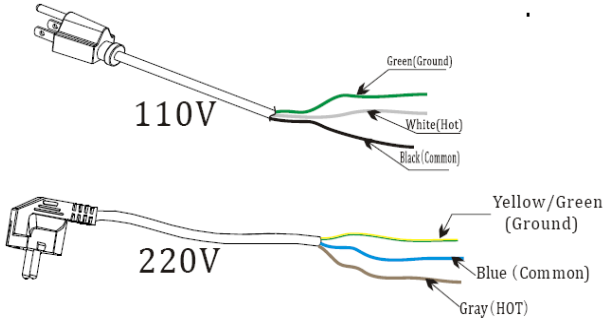
Hardware Parts List	QTY
A. Case Rail Nut	4-6
B. Hex Screw	4-6
C. Hanging Bracket	2-3
D. Suspension Bar	4
E. Washer	8-10
F. Hex Nut	4-6
G. Suspension Bar J- Hook	4

Installation Instructions

Please consult a professional installer. Elite Screens is not liable for faulty installations.

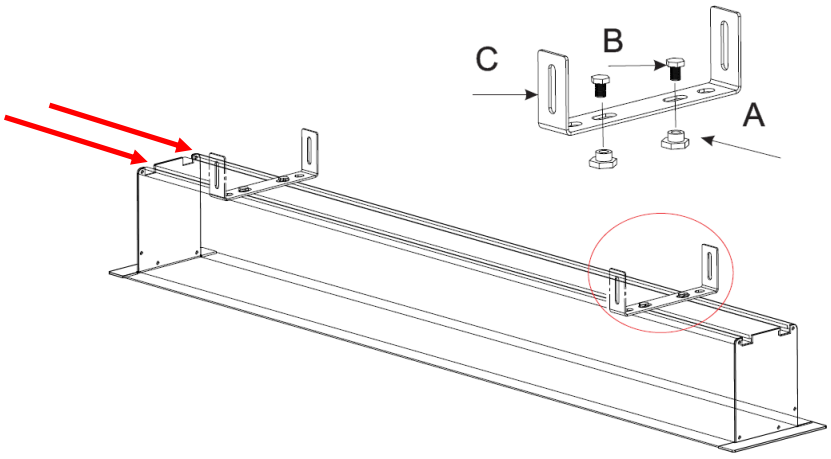
Power

1. The Evanesce Series includes a 3-Prong Power Cord for use in a non-concealed power outlet. If your installation will be entirely concealed (including power outlet), Elite Screens strongly recommends a hardwire connection. Please refer to the image below for both 110v & 220v wiring information.

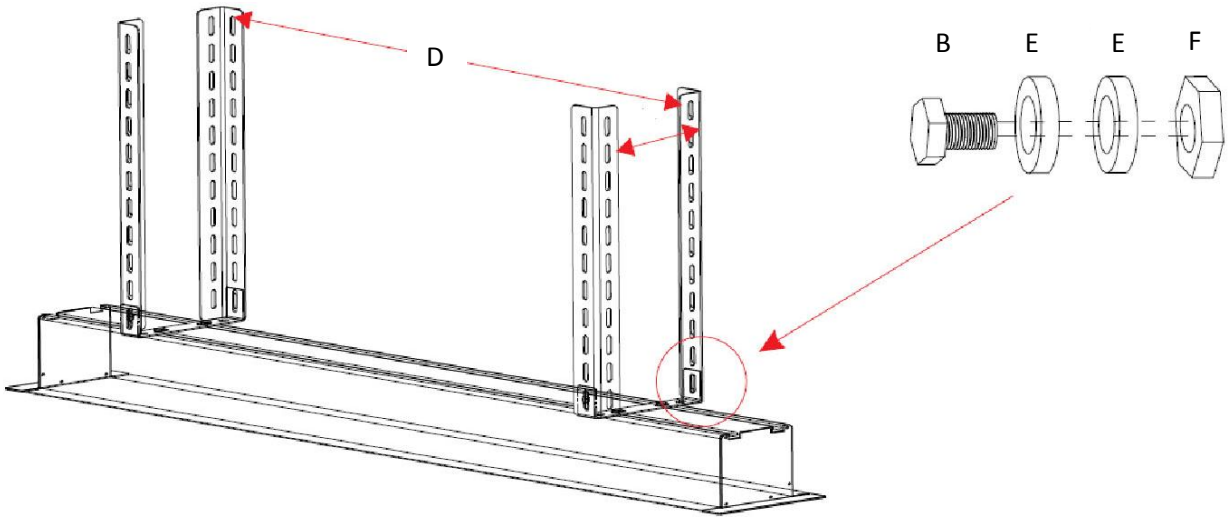


Assembly

2. Insert the Hex Screw (B) through the Hanging Bracket's (C) screw hole and secure with the Case Rail Nut (A). Slide the Hanging Bracket (C) through the railing on top of the case.

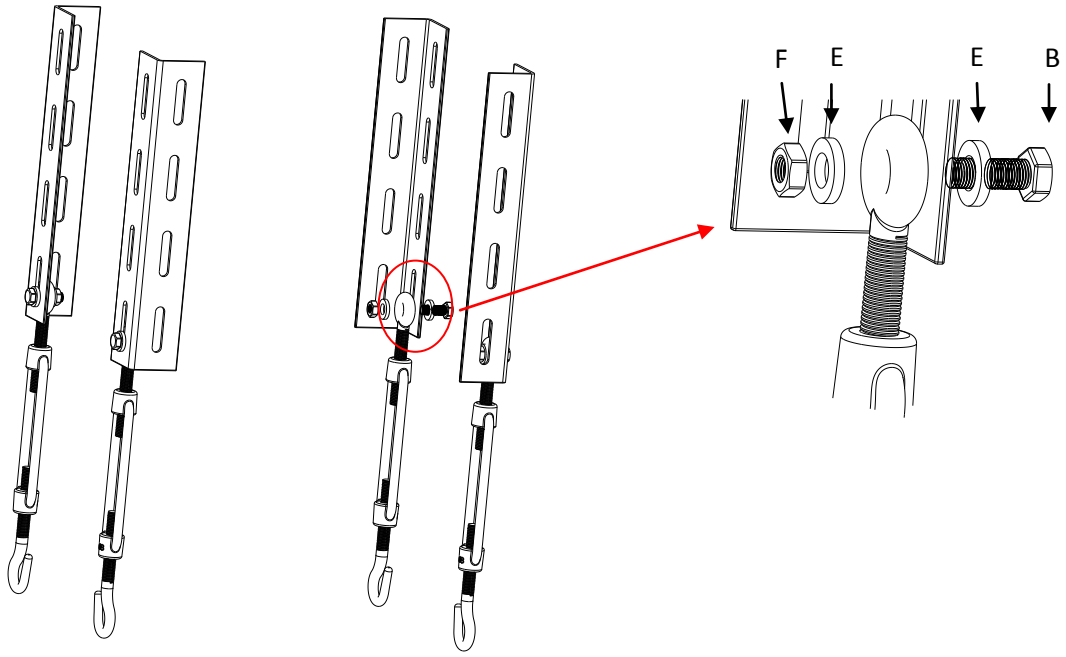


3. Place the Suspension Bar (D) on the Hanging Bracket (C) and align with the hole as shown below. Secure the Suspension Bar (D) with the Hex Screw (B), Washer (E) and the Hex Nut (F). Install the Suspension Bars (D) to your ceiling according to their distance.

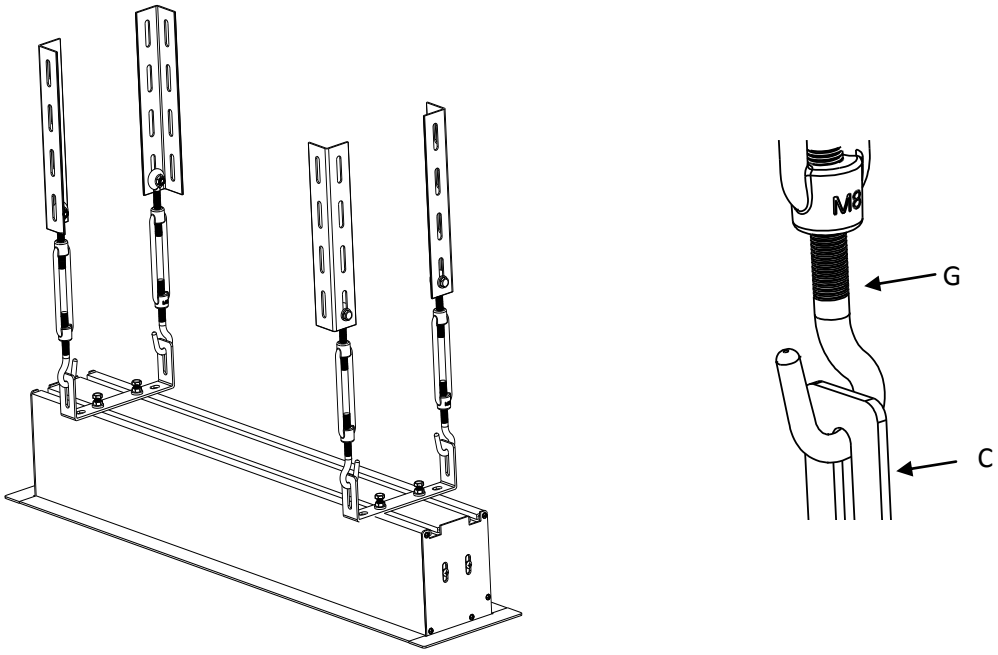


Optional Suspension Bar J-Hook (G)

1. Attach the Suspension Bar J- Hook (G) to the bottom of the Suspension Bar (D) and secure with the Hex Screw (B), Washer (E) and Hex Nut (F).



2. Attach the Suspension Bar J-Hook (G) to the Hanging Bracket (C) as shown in figure below. Install the Suspension Bars (D) to your ceiling according to their distance.



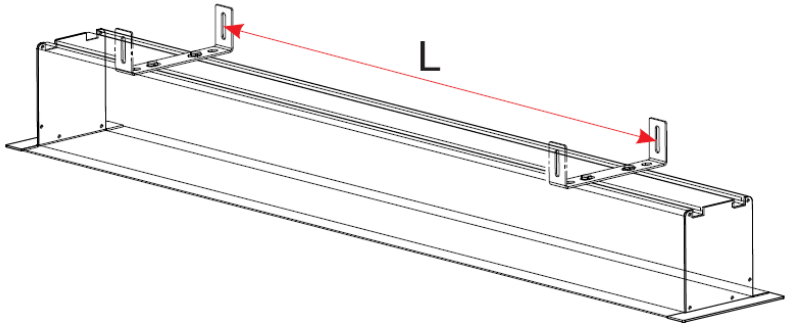
Optional Installation (parts & hardware not included)

Screw bolt X 4

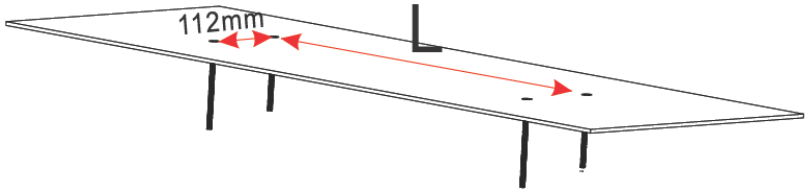
Washer X 8

Nut X 8

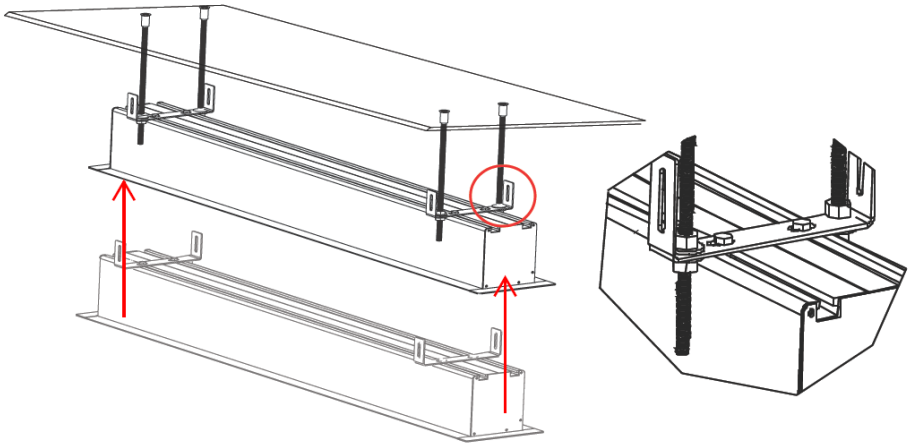
1. Place the Hanging Bracket (C) in the desired location on the screen's housing and measure the distance as shown below. (L = Distance)



2. Mark the location of where the screen will be installed according to the distance (L) and then secure the bolt to the ceiling.



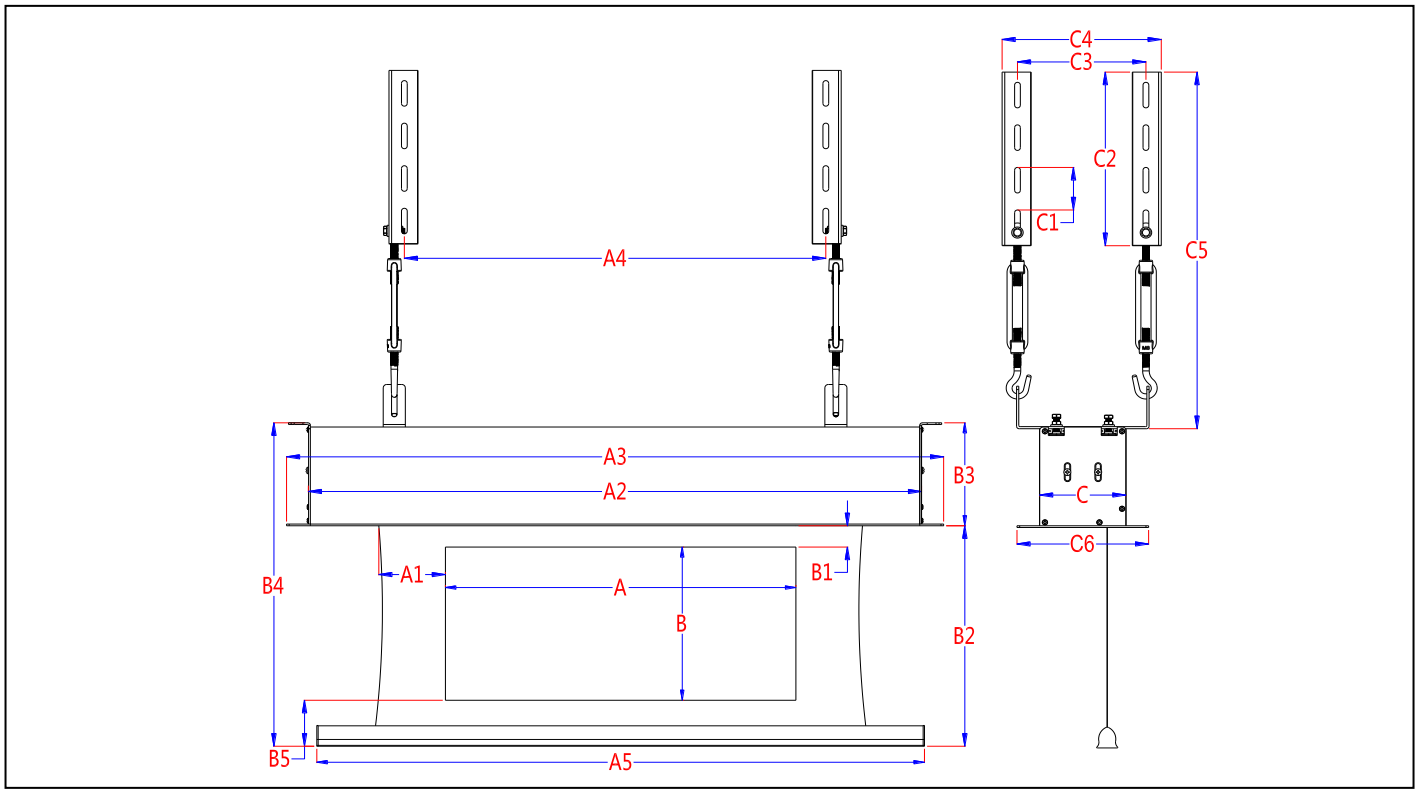
3. Install the screen to the screw bolt as shown in the figure below.



Evanesce Tab-Tension Series Dimensions Table

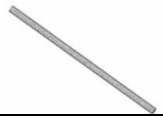
Unit: mm																		
Model	Nominal Diagonal	View Width (A)	(A1)	Case Length (A2)	(A3)	(A4)	(A5)	View Height (B)	Top Border (B1)	(B2)	Case H (B3)	Overall Height (B4)	(B5)	Case Width (C)	C1	C2	C3	C4
ITE100VW2-E8	100"(4:3)	2032	95	2347	2407	1947	2342	1524	203	1827	118	1945	100	98	50	925	145	180
ITE120VW2-E8	120"(4:3)	2438	95	2770	2830	2370	2765	1828	203	2131	118	2249	100	98	50	925	145	180
ITE100HW2-E8	100"(16:9)	2214	95	2530	2590	2130	2525	1245	203	1548	118	1666	100	98	50	925	145	180
ITE106HW2-E8	106"(16:9)	2347	95	2660	2720	2260	2655	1320	203	1623	118	1741	100	98	50	925	145	180
ITE120HW2-E8	120"(16:9)	2657	95	2972	3032	2572	2967	1494	203	1797	118	1915	100	98	50	925	145	180
ITE135HW2-E8	135"(16:9)	2989	95	3310	3370	2910	3305	1681	203	1984	118	2102	100	98	50	925	145	180
ITE114XW2-E8	114"(16:10)	2455	95	2770	2830	2370	2765	1534	203	1837	118	1955	100	98	50	925	145	180
ITE126XW2-E8	126"(16:10)	2714	95	3030	3090	2630	3025	1696	203	1999	118	2117	100	98	50	925	145	180
Unit: inch																		
Model	Nominal Diagonal	View Width (A)	(A1)	Case Length (A2)	(A3)	(A4)	(A5)	View Height (B)	Top Border (B1)	(B2)	Case H (B3)	Overall Height (B4)	(B5)	Case Width (C)	C1	C2	C3	C4
ITE100VW2-E8	100"(4:3)	80.0	3.7	92.4	94.8	76.7	92.2	60.0	8.0	71.9	4.6	76.6	3.9	3.9	2.0	36.4	5.7	7.1
ITE120VW2-E8	120"(4:3)	96.0	3.7	109.1	111.4	93.3	108.9	72.0	8.0	83.9	4.6	88.5	3.9	3.9	2.0	36.4	5.7	7.1
ITE100HW2-E8	100"(16:9)	87.2	3.7	99.6	102.0	83.9	99.4	49.0	8.0	60.9	4.6	65.6	3.9	3.9	2.0	36.4	5.7	7.1
ITE106HW2-E8	106"(16:9)	92.4	3.7	104.7	107.1	89.0	104.5	52.0	8.0	63.9	4.6	68.5	3.9	3.9	2.0	36.4	5.7	7.1
ITE120HW2-E8	120"(16:9)	104.6	3.7	117.0	119.4	101.3	116.8	58.8	8.0	70.7	4.6	75.4	3.9	3.9	2.0	36.4	5.7	7.1
ITE135HW2-E8	135"(16:9)	117.7	3.7	130.3	132.7	114.6	130.1	66.2	8.0	78.1	4.6	82.8	3.9	3.9	2.0	36.4	5.7	7.1

The listed measurements are for general reference only. Please contact Elite Screens to verify product design and dimensions before attempting to integrate its products with any structural or furniture modification. Although a manufacturer may offer product advice, it may be taken or disregarded at the integrator's discretion. Elite Screens will not be held responsible or be otherwise liable for faulty installations. Note Data error +/- 1"



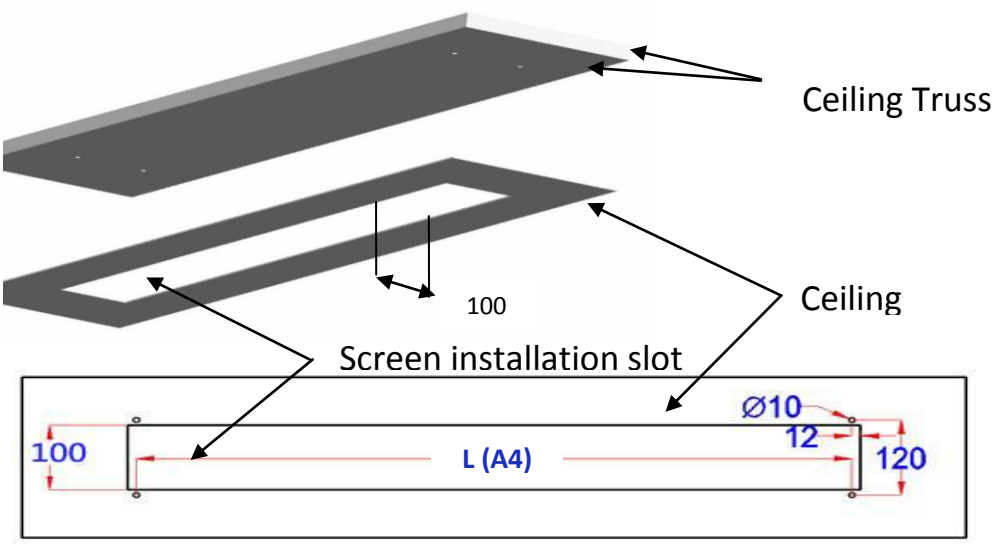
Below ceiling installation instructions

Please make sure all parts listed below are included before proceeding with the installation.

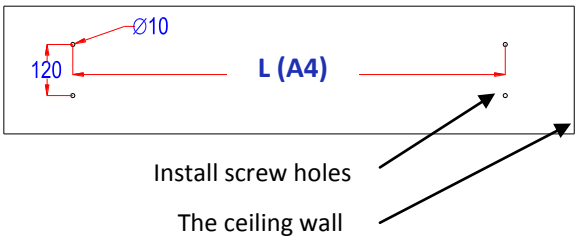
Hardware Parts List for below ceiling installation			
A. End Flange x 2	B. Hanging bracket x 2	C. Threaded rod x 4 	D. Socket wrench x 1
E. M8x16mmx1.5mm washer x 28	F. M8 nut x 20	G. M8 Top expanding bolt x 4	H. M8x40mm hex screw x 4

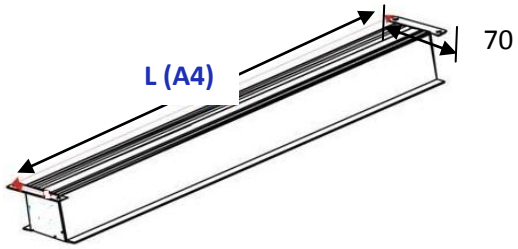
1. **Measure and cut the ceiling installation slot**:

The width should not exceed 100mm and not less than the width of the screen's housing. Measure the length of your screen to determine the length. Note: The length of the installation space is not greater than the screen size table (C3), and the width is not less than the screen size table (A4). Consult the dimensions table (C) in regards to accommodating the screen casing.

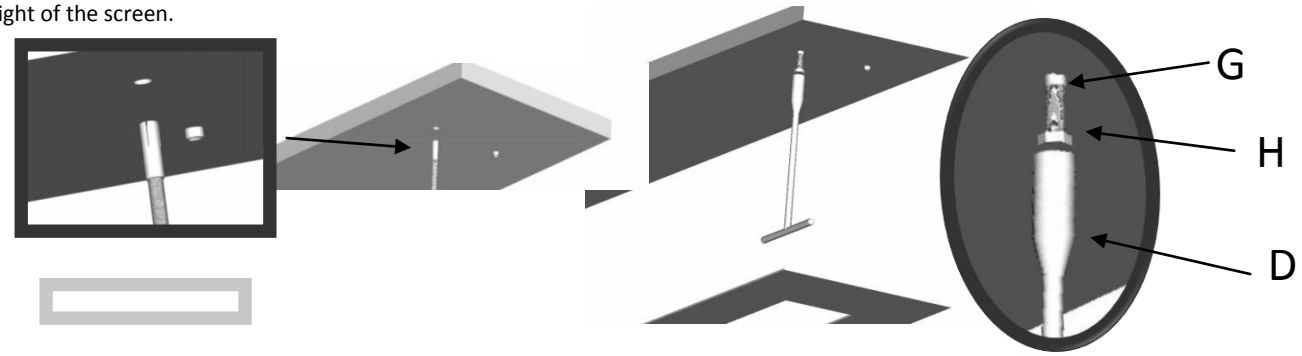


2. Drill 4 holes in the ceiling that correspond with the attachments on the various casing sizes. The width should be 120mm. The length of (A4) in the diagram below depicts the distance between the holes located on each ear end of the screen's case.

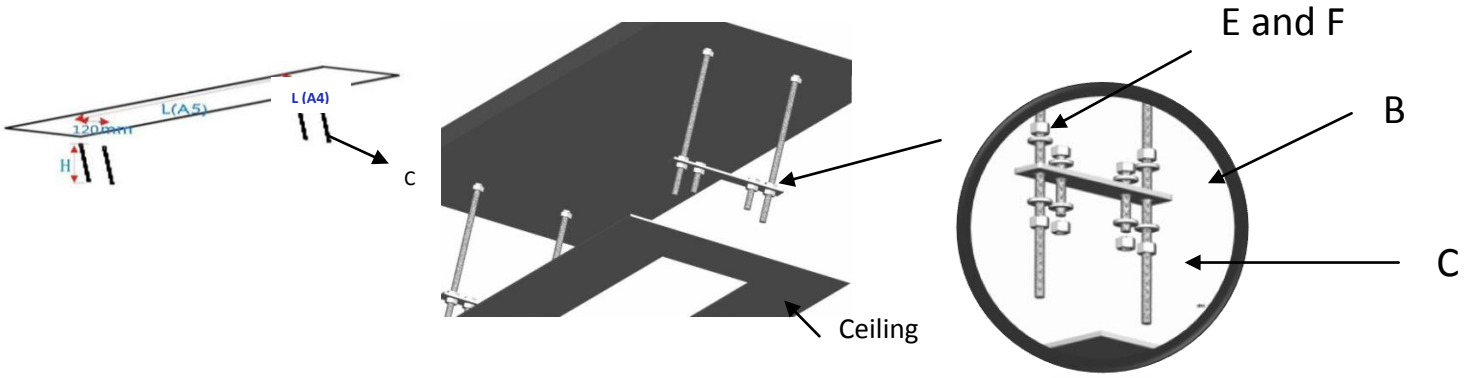




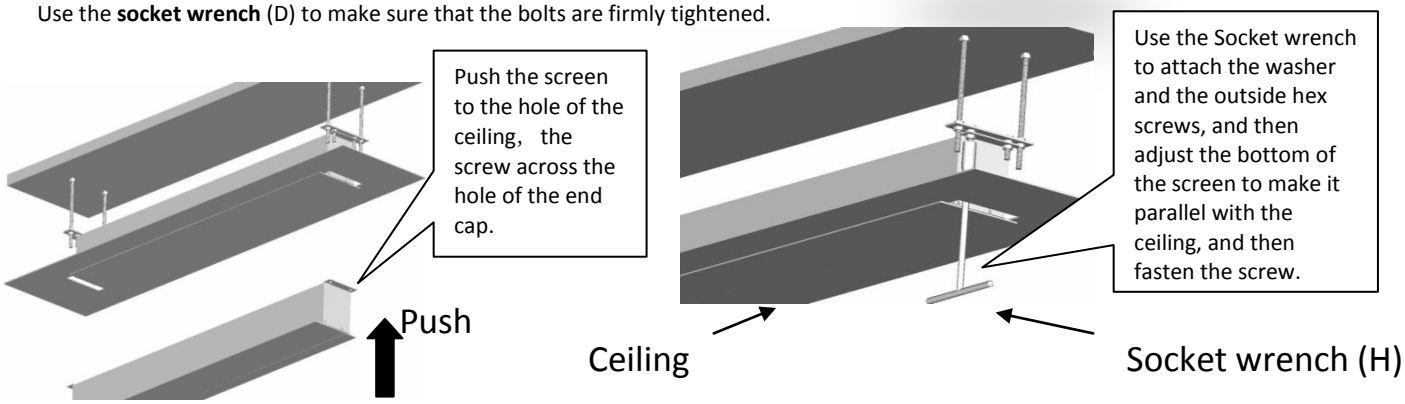
3. The **M8 expanding bolts** (G) mount into thick wood beams, stone or concrete and will support the screen. Use the **Socket wrench** (D) to attach the **M8x40mm hexagonal screws**. The expanding bolts should be firmly tightened and tested to make sure that they will hold the weight of the screen.



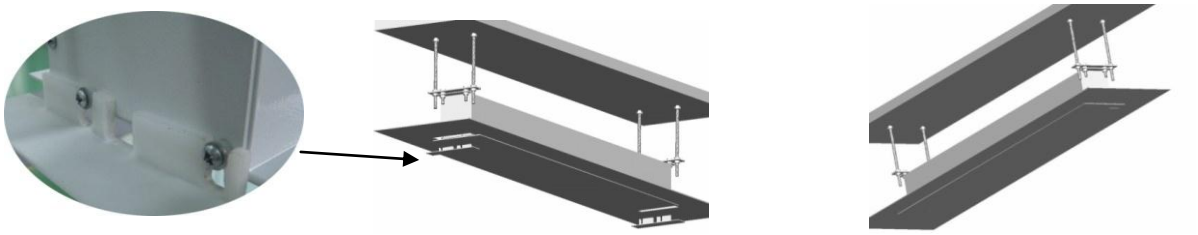
4. Insert the **threaded rods** (C) through the **M8 expanding bolts** and then attach the **M8x40mm hexagonal screws** with the **washer** (E). Last put the **Hanging Bracket** (B) through the threaded rod equal to the height of the screen's housing. Once they are firmly in place (as shown below) make sure that they will hold the weight of the screen.



5. Push the screen up into the space. Use the **threaded rods** (C) to attach the screen assembly to the ceiling. The **hexagonal screws** (E) will connect the screen to the rest of the assembly. Once firmly in place, use the **nuts** (F) to ensure a firm connection. Use the **socket wrench** (D) to make sure that the bolts are firmly tightened.


Push the screen to the hole of the ceiling, the screw across the hole of the end cap.
Push
Use the Socket wrench to attach the washer and the outside hex screws, and then adjust the bottom of the screen to make it parallel with the ceiling, and then fasten the screw.
Ceiling
Socket wrench (H)

6. Install **end flange cover panel** (A) between the gap and the screen to complete the installation.



For Complete Dimensions Please Visit:
http://www.elitescreens.com/images/pdf/DimensionsTable/evanesce_tension_below_dims.pdf

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For warranty service, you must provide proof of purchase and the serial number of your product.

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